INTRODUCING MATMATA

World Water Week in Stockholm, 28 August – 2 September, 2016
A few words about MATMATA

• MATMATA is a town and commune in the governorate of Gabes, Tunisia.
  • Matmata is located on the South-West of the Governorate of Gabès;
  • The area is about 1185 km2;
  • Matmata has a total population of around 5,665 habitants;
  • The most characteristic activities are agriculture and tourism.

Average Temperature (14-35°C)
Average precipitation (100-180mm)
Arid region
MATMATA pictures
Local community in MATMATA
Water in MATMATA
MATMATA and water challenges:

• An annual water deficit due to low rainfall and high rates of evapotranspiration;

• Surface storage of water is unfeasible so communities practice traditional rainwater harvesting within small hillside catchments;

• Lack of maintenance and slow abandonment of these indigenous techniques because of strong migration;

• Limited scale of the network and isolation of the area.
MATMATA and WATER SUM:

• The Local Water Security Action Plan for Matmata Delegation is made on the basis of the methodology for local water security action planning, developed within the framework of the WaterSUM project;

• Carry out pilot project at the local level and share best practices in managing water resources;

• Identification of all stakeholders in accordance of their interests, level of involvement in water planning related issues, motivation, level of knowledge, relationships and overall influence on water security planning ;

• Public participation is a necessity in making decision at the local level.
MATMATA and WATER SUM:

• The assessment of current water security in Matmata was carried out in two phases – Public Opinion Assessment and Indicator Based Local Water Security Assessment;
• Identification of major problems in the region;
• Formulation of a vision ‘Sustainable water quality, facile access, preserves the environment, and improves human life;
• Identification of goals and objectives;
• Identification, specification and prioritization of actions.
How the WGS Initiative can contribute to water, stability and growth in *MATMATA*:

- Promote water governance for sustainable growth;

- Comprehensive practices and capacities in water resources planning and management;

- Raise awareness of the local communities in term of water management and governance.
How the WGS Initiative can contribute to water, stability and growth in MATMATA:

• Elaboration of a computed model including several data on the different parameters of the elementary hydrological units;

• Elaboration of a method for the dimensioning of the storage tanks according to the irregularity of rains;

• Conception of appropriate techniques to optimize the use and the conservation of water resources.
How the WGS Initiative can contribute to water, stability and growth in MATMATA:

- Ensure access to drinking water for humans and animals as well as for domestic and environmental purposes;

- Ensure healthy life and promote well being for people;

- It contributes to sustainable economic activities and employment.